

IN THE UNITED STATES PATENT AND TRADE MARK OFFICE

Applicants: Harry Meade, Daniel Pollock and Paul DiTullio
Serial No: 08/170,579 Group Art No: 1804
Filed: December 20, 1993 Examiner: B. Campell
Title: TRANSGENIC PRODUCTION OF ANTIBODIES IN MILK

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid in an envelope addressed to: The Honorable Commissioner of Patents and Trademarks, Washington, DC 20231 on the date set forth below:

April 8, 1996
Date of Signature
and of Mail Deposit

Kim R. Akeeli
Kim R. Akeeli

The Commissioner of Patent and Trademarks
Washington, DC 20231

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
(REVOCATION OF PRIOR POWERS)**

As Assignee of record of the entire interest of the above-identified application,

REVOCATION OF PRIOR POWERS OF ATTORNEY

all powers of attorney previously given are hereby revoked and

NEW POWER OF ATTORNEY

the following attorneys are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith.

Registration No.

| | |
|----------------------|--------|
| Mark A. Hofer | 30,068 |
| William G. Gosz | 27,787 |
| E. Victor Donahue | 35,492 |
| Jennifer A. Tegfeldt | 31,310 |
| Elizabeth Lassen | 31,845 |
| Deborah Dugan | 37,315 |

Send Correspondence To:

William G. Gosz, Esq.
GENZYME CORPORATION
Legal Department
1 Mountain Road Framingham, MA 01701-9322

Direct Telephone Calls To:

William G. Gosz
(508) 270-2583

09012904-012399

Power of Attorney by Assignee

Assignee of Entire Interest:

Genzyme Transgenics Corporation
One Mountain Road
Framingham, MA 01701

Recorded in the PTO on December 20, 1993

Reel: 7406

Frame: 0113

4/3/96
Date

James A. Geraghty
President and CEO
Genzyme Transgenics Corporation

**ALL FOREIGN APPLICATIONS, IF ANY, FILED MORE THAN 12 MONTHS
PRIOR TO THE FILING DATE OF THIS APPLICATION**

COUNTRYAPPLICATION NO.DATE OF FILING

**PRIORITY
CLAIMED UNDER
35 U.S.C. §119**

Yes

No

POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark office connected therewith. Morris Reison #15,108, Gordon D. Caplan #18,165, William F. Dodine, Jr. #20,589, Michael J. Sweedler #19,837, S. Peter Ludwig #26,351, Paul Fields #20,298, Joseph B. Lerch #28,938, Melvin C. Garner #28,272, Ethan Horwitz #27,848, Beverly B. Goodwin #28,417, Adde C. Gogoris #28,714, Martin E. Goldstein #20,889, Bert J. Lawes #19,407, Henry Sternberg #22,408, Peter C. Schachter #31,862, Robert Schaffer #31,184, David R. Francescant #25,159

all of the firm of DARBY & DARBY P.C., 805 Third Avenue, New York, NY 10022

SEND CORRESPONDENCE TO:

DIRECT TELEPHONE CALLS TO:

DARBY & DARBY P.C.
805 Third Avenue
New York, NY 10022

S. Peter Ludwig
212-527-7700

FULL NAME OF INVENTOR 1

LAST NAME: MEADE

FIRST NAME: Harry

MIDDLE NAME:

CITY: Newton

STATE OR FOREIGN COUNTRY: MA

COUNTRY OF CITIZENSHIP: USA

POST OFFICE ADDRESS: 82 Brammors Street

CITY: Newton

STATE OR COUNTRY: MA

ZF 002 0213

FULL NAME OF INVENTOR 2

LAST NAME: DITULLIO

FIRST NAME: Paul

MIDDLE NAME:

CITY: Framingham

STATE OR FOREIGN COUNTRY: MA

COUNTRY OF CITIZENSHIP: USA

POST OFFICE ADDRESS: 815 Edgell Road/88

CITY: Framingham

STATE OR COUNTRY: MA

ZF 002 0701

FULL NAME OF INVENTOR 3

LAST NAME: POLLOCK

FIRST NAME: Daniel

MIDDLE NAME:

CITY: Medway

STATE OR FOREIGN COUNTRY: MA

COUNTRY OF CITIZENSHIP: USA

POST OFFICE ADDRESS: 4 Redgate Drive

CITY: Medway

STATE OR COUNTRY: MA

ZF 002 0253

09012904-012398

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 1: Harry Meade DATED: 3/1/94

SIGNATURE OF INVENTOR 2: Daniel F. Feltz DATED: 3/1/94

SIGNATURE OF INVENTOR 3: Paul A. D. Feltz DATED: 3/1/94

(DAI Form PTD-21)

REV. 12/87

M:4444108881108M0414

09012904 012398